



SEQUENCE LISTING

<110> HANES, Steven D.
DEVASAHAYAM, Gina
CHATURVEDI, Vishnu

<120> CAESSI: A CANDIDA ALBICANS GENE, METHODS FOR MAKING AND
USING, AND TARGETING IT OR ITS EXPRESSION PRODUCTS FOR
ANTIFUNGAL APPLICATIONS

<130> 454311-2200.1

<140> 09/507,242

<141> 2000-02-18

<150> 60/121,246

<151> 1999-02-23

<160> 8

<170> PatentIn Ver. 2.1

<210> 1

<211> 989

<212> DNA

<213> Candida albicans

<400> 1

gatcaaccaa tagatgttgt tgctaaccaa gtcaaagacg cgttgaagac aagaggtatt 60
tagacacaca agcatttagtc acttgaatag atatacagtt gagattcgtc ttgcaataga 120
tattaaggta gtgtacattt accaaaactt ctctcttttt ctatattctt catcaacaca 180
agattttcgt tgttgccctt tgttgtatta tttgtcatca gtttagcttg attctttttg 240
cagtagtata tcatcatggc atcgacatca acaggcttac cacctaattg gacgattaga 300
gtatccagat ccataacaa agagtatttc ttaaaccaat ctaccaatga gtcgtcttgg 360
gaccacactt atggcactga caaagaagta ttgaatgcat acattgcgaa gtttaaaaac 420
aatggttaca agccacttgt gaatgaggat ggccaggtta gagtttctca tttgttgatc 480
aagaacaatc aatcaagaaa acccaagtct tggaagtccc cagatggtat aagtagaact 540
agagacgaat ctatacagat attgaagaaa catttggaag gaatattgag tggtagaggtt 600
aaactaagtg aattggcaaa taccgaaagt gattgcagct cacatgacag aggtggtgat 660
ttagggtttt ttagcaaaagg acaaatgcaa ccaccattcg aagaagccgc attcaatttg 720
catgttgagg aagtcagtaa cataattgaa accaatagtg gtgtccatat cctccaaaga 780
acaggataaa tcaagatatt ggagtttgat gaaaaatgaa aataaataga gacaagttgt 840
atagatttgg taaccaaaaa agcgatggct cacaaaagtc gaaaactgtg gagagaacat 900
cttaccaggat acacggcgat taaaactcta atcgtcgata tttatataat cggaacgttt 960
cccgtcattg gttttgtata tttggatcc 989

<210> 2

RECEIVED

JUN 09 2001

TECH CENTER 1600/2900

<211> 177

<212> PRT

<213> Candida albicans

<400> 2

Met Ala Ser Thr Ser Thr Gly Leu Pro Pro Asn Trp Thr Ile Arg Val

1

5

10

15

Ser Arg Ser His Asn Lys Glu Tyr Phe Leu Asn Gln Ser Thr Asn Glu

20

25

30

Ser Ser Trp Asp Pro Pro Tyr Gly Thr Asp Lys Glu Val Leu Asn Ala

35

40

45

Tyr Ile Ala Lys Phe Lys Asn Asn Gly Tyr Lys Pro Leu Val Asn Glu

50

55

60

Asp Gly Gln Val Arg Val Ser His Leu Leu Ile Lys Asn Asn Gln Ser

65

70

75

80

Arg Lys Pro Lys Ser Trp Lys Ser Pro Asp Gly Ile Ser Arg Thr Arg

85

90

95

Asp Glu Ser Ile Gln Ile Leu Lys Lys His Leu Glu Arg Ile Leu Ser

100

105

110

Gly Glu Val Lys Leu Ser Glu Leu Ala Asn Thr Glu Ser Asp Cys Ser

115

120

125

Ser His Asp Arg Gly Gly Asp Leu Gly Phe Phe Ser Lys Gly Gln Met

130

135

140

Gln Pro Pro Phe Glu Glu Ala Ala Phe Asn Leu His Val Gly Glu Val

145

150

155

160

Ser Asn Ile Ile Glu Thr Asn Ser Gly Val His Ile Leu Gln Arg Thr

165

170

175

Gly

<210> 3

<211> 20

<212> DNA

<213> Candida albicans

<400> 3

ccagatggta taagtagaac

20

<210> 4

<211> 20

<212> DNA

<213> Candida albicans

<400> 4

atcaacggct acatccagaa

20

<210> 5

<211> 20

<212> DNA

<213> Candida albicans

<400> 5

gacgctacgg acgaactgaa

20

<210> 6

<211> 20

<212> DNA

<213> Candida albicans

<400> 6

caatgacggg aaacgttccg

20

<210> 7

<211> 20

<212> DNA

<213> Candida albicans

<400> 7

gggagtgggg accccagggc

20

<210> 8

<211> 20

<212> DNA

<213> Candida albicans

<400> 8

gtcatctgga gaggaaaaga

20